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**From:** Peck, Michelle [Peck.Michelle@epa.gov]  
**Sent:** 9/16/2020 6:56:49 PM  
**To:** Yap-deffler, Yazmine [Yap-Deffler.Yazmine@epa.gov]  
**Subject:** RE: OLEM accomplishments

That is so fascinating. And what an important catch by the SAM! Thanks for providing that context.

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**From:** Yap-deffler, Yazmine <Yap-Deffler.Yazmine@epa.gov>  
**Sent:** Wednesday, September 16, 2020 14:43  
**To:** Peck, Michelle <Peck.Michelle@epa.gov>  
**Subject:** RE: OLEM accomplishments

If you're trying to figure out what pictures to use, I'd like to have that picture of Fumetrol be part of Blades writeup. Here's a little bit of context on the Fumetrol picture. The SAM was reviewing a DNREC closeout report for this site and just happen to notice the Fumetrol picture in the report's photo log. Earlier PFAS assessment information on potential sources of PFAS contamination has been solely on AFFF firefighting foam and we have not fully realized the extent of PFC uses then, so the discovery that PFCs/PFAS were used as part of chrome plating process has definitely changed the way we perform our site assessments.

Yaz

**Yazmine J. Yap-Deffler, Chief**  
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**From:** Peck, Michelle <Peck.Michelle@epa.gov>  
**Sent:** Wednesday, September 16, 2020 2:10 PM  
**To:** Yap-deffler, Yazmine <Yap-Deffler.Yazmine@epa.gov>  
**Subject:** RE: OLEM accomplishments

Wow! These are fascinating. Thanks Yaz!

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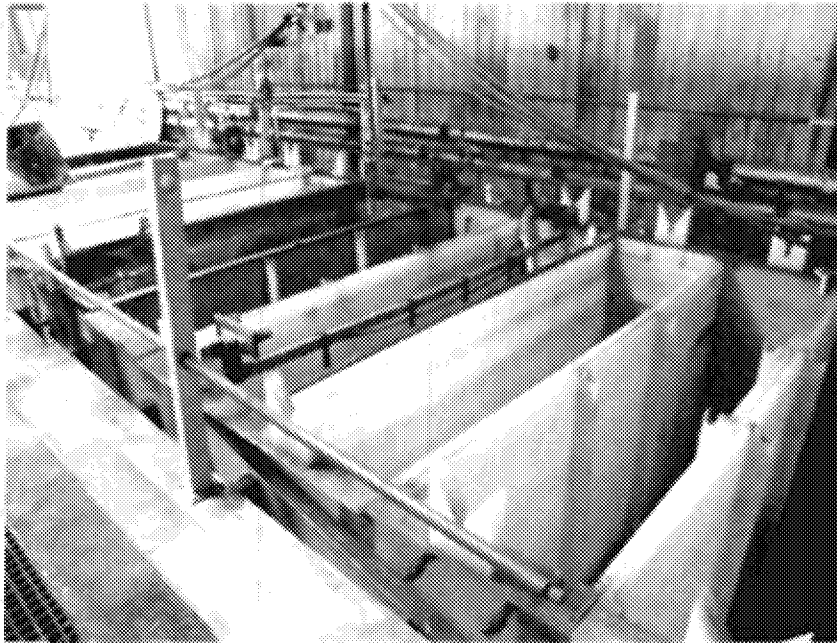
**From:** Yap-deffler, Yazmine <Yap-Deffler.Yazmine@epa.gov>  
**Sent:** Wednesday, September 16, 2020 14:04  
**To:** Peck, Michelle <Peck.Michelle@epa.gov>  
**Subject:** RE: OLEM accomplishments

**This is the photo that triggered the PFAS discovery at the chrome plating facility**



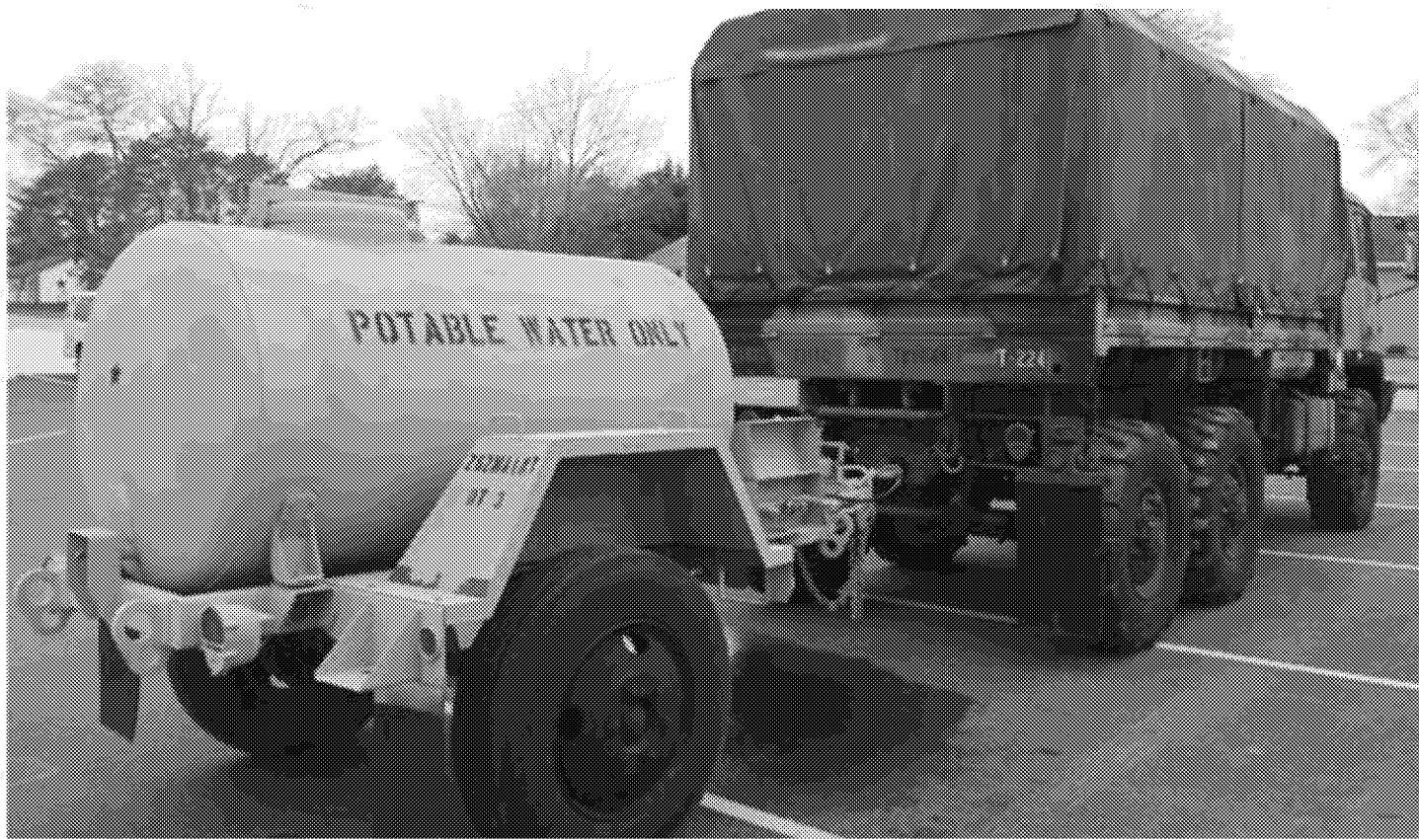
**Fumetrol 140 - Specific Gravity:1.025  
ORGANIC FLUOROSULFONATE 7% by volume**

**Tanks at the plating facility**



**Pictures of drinking water supply in the Town of Blades:**





Pallets of drinking water are loaded at Blades Elementary School. DNREC and Public Health will be distributing bottled water to Blades residents after they found elevated levels of PFCs in the public drinking water supply. Jason Minto, *The News Journal*

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**From:** Peck, Michelle <[Peck.Michelle@epa.gov](mailto:Peck.Michelle@epa.gov)>  
**Sent:** Wednesday, September 16, 2020 10:14 AM  
**To:** Yap-deffler, Yazmine <[Yap-Deffler.Yazmine@epa.gov](mailto:Yap-Deffler.Yazmine@epa.gov)>  
**Subject:** RE: OLEM accomplishments

Great, thanks Yaz! Do you have any photos of the site that we could include?

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**From:** Yap-deffler, Yazmine <[Yap-Deffler.Yazmine@epa.gov](mailto:Yap-Deffler.Yazmine@epa.gov)>  
**Sent:** Wednesday, September 16, 2020 10:05  
**To:** Peck, Michelle <[Peck.Michelle@epa.gov](mailto:Peck.Michelle@epa.gov)>  
**Subject:** RE: OLEM accomplishments

I'm recommending Blades to highlight for OLEM accomplishments.

#### **BLADES GROUNDWATER SITE**

Upon EPA review of a site closeout report for the Blades GW site, EPA identified new information that Per- and polyfluoroalkyl substances (PFAS) compounds were used at a former chrome-plating facility and that could potentially affect municipal drinking water wells and residential wells near the site investigation area. Based on EPA's discovery, the site remained open and sampling was conducted by the Delaware Department of Natural Resources and Environmental Control (DNREC) and confirmed the presence of PFAS contamination in municipal drinking water wells above the Health Advisory Level. This led to immediate response actions by DNREC to address the PFAS contamination detected in the public water supply of Blades, Sussex County, DE. EPA worked closely with DNREC, other state and local agencies, and rapidly assessed and expedited several immediate investigative actions at Blades. A coordinated response effort was performed: EPA immediately conducted residential well assessments to determine if any residential wells near the former chrome-plating facility have been impacted by PFAS. Concurrently, DNREC coordinated response actions to providing the Town of Blades an alternate source of safe drinking water. PFAS response actions are complicated because they pose a threat to a large community drinking water supply. Given the complexity of coordinating response actions with various government agencies, EPA also provided technical, risk communication, and public meeting support to the State regarding PFAS. EPA's actions and partnership with DNREC resulted in providing safe drinking water to the Town of Blades. EPA's diligent collaboration and partnership with Delaware successfully listed the Blades Groundwater site to the NPL.

Let me know if you have any questions.

Thanks,  
Yaz

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**From:** Peck, Michelle <[Peck.Michelle@epa.gov](mailto:Peck.Michelle@epa.gov)>  
**Sent:** Wednesday, September 16, 2020 9:35 AM  
**To:** Yap-deffler, Yazmine <[Yap-Deffler.Yazmine@epa.gov](mailto:Yap-Deffler.Yazmine@epa.gov)>  
**Subject:** RE: OLEM accomplishments

Hi Yaz,

Paul recommended we include something on Nonresponsive based on revised scope or Blades. Can you prepare a paragraph on whichever you think is more appropriate?

Thanks,  
Micka

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**From:** Peck, Michelle  
**Sent:** Tuesday, September 15, 2020 11:11  
**To:** Yap-deffler, Yazmine <[Yap-Deffler.Yazmine@epa.gov](mailto:Yap-Deffler.Yazmine@epa.gov)>  
**Subject:** RE: OLEM accomplishments

Hi Yaz,

No problem. Here's an easy access [link](#). Let me know if you have any questions. If you want to look through the 2019 report, you can access it [here](#).

Micka

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**From:** Yap-deffler, Yazmine <[Yap-Deffler.Yazmine@epa.gov](mailto:Yap-Deffler.Yazmine@epa.gov)>  
**Sent:** Tuesday, September 15, 2020 10:33  
**To:** Peck, Michelle <[Peck.Michelle@epa.gov](mailto:Peck.Michelle@epa.gov)>  
**Subject:** OLEM accomplishments

Hi Micka,

At the managers meeting this morning, you mentioned updating the OLEM accomplishments report. Could you send me the link?

Thanks,  
Yaz

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